

CURRICULUM VITAE di:

Nominativo	Teodoro Valente
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Posizione accademica

Macrosettore:	09D
Settore Concorsuale:	09D1
Settore Scientifico Disciplinare:	ing ind 22
Qualifica:	PO
Anzianità nel ruolo:	dal 2001
Sede Universitaria:	Roma La Sapienza
Struttura di afferenza (dipartimento o altro)	Dipartimento DICMA

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
1992-1998	RTI	Roma La Sapienza
1998-2001	PA	Roma La Sapienza

Pubblicazioni Scientifiche

Elenco in allegato

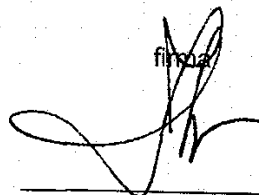
Titoli

Sezione non necessaria in quanto in possesso di 2 valori soglia su 3 da Commissario ASN e quindi inseribile nell'elenco dei Commissari sorteggiabili (già Presidente Commissione abilitazione scientifica nazionale 09D1 dell'ultima tornata biennale)

data

9.5.2019

firma



Scopus

EXPORT DATE: 07 May 2019

Sarasini, F., Tirillò, J., Zuerro, A., Maffei, G., Lavecchia, R., Puglia, D., Dominici, F., Luzi, F., Valente, T., Torre, L.
8723985300;25637859600;24339773300;56389429100;660.946053;6506615961;56059326200;55655912100;70062
56063;7003508310;

Recycling coffee silverskin in sustainable composites based on a poly(butylene adipate-co-terephthalate)/poly(3-hydroxybutyrate-co-3-hydroxyvalerate) matrix

(2018) Industrial Crops and Products, 118, pp. 311-320. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044753727&doi=10.1016%2fj.indcrop.2018.03.070&partnerID=40&md5=01c47fa979290db5a0e13fb592776b0c)

85044753727&doi=10.1016%2fj.indcrop.2018.03.070&partnerID=40&md5=01c47fa979290db5a0e13fb592776b0c

DOI: 10.1016/j.indcrop.2018.03.070

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Gargiulo, N., Shibata, K., Peluso, A., Aprea, P., Valente, T., Perzotti, G., Shiono, T., Caputo, D.

22834158500;57192104665;24380144500;8230203800;7006256063;56231369700;55353501200;55355953100;

Reinventing rice husk ash: derived NaX zeolite as a high-performing CO₂ adsorbent

(2018) International Journal of Environmental Science and Technology, 15 (7), pp. 1543-1550. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048369005&doi=10.1007%2fs13762-017-1534-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048369005&doi=10.1007%2fs13762-017-1534-5&partnerID=40&md5=c9d04dd604c05821a888b2711b2ea012)

5&partnerID=40&md5=c9d04dd604c05821a888b2711b2ea012

DOI: 10.1007/s13762-017-1534-5

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Pulci, G., Paglia, L., Genova, V., Bartoli, C., Valente, T., Marra, F.

24333188100;57207157366;55504923600;6701725431;7006256063;36167148300;

Low density ablative materials modified by nanoparticles addition: Manufacturing and characterization

(2018) Composites Part A: Applied Science and Manufacturing, 109, pp. 330-337. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044102148&doi=10.1016%2fj.compositesa.2018.03.025&partnerID=40&md5=1adebfaf67e73048d4cd02f82817058c)

85044102148&doi=10.1016%2fj.compositesa.2018.03.025&partnerID=40&md5=1adebfaf67e73048d4cd02f82817058c

DOI: 10.1016/j.compositesa.2018.03.025

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Sarasini, F., Tirillò, J., Lampani, L., Barbero, E., Sanchez-Saez, S., Valente, T., Gaudenzi, P., Starponi, C.

8723985300;25637859600;9737681400;35569930700;6508155421;7006256063;7004213263;6701724538;

Impact behavior of sandwich structures made of flax/epoxy face sheets and agglomerated cork

(2018) Journal of Natural Fibers, pp. 1-21. Article in Press. Cited 2 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047338852&doi=10.1080%2f15440478.2018.1477084&partnerID=40&md5=36d98fcab571333f1895f8a0120f0719)

85047338852&doi=10.1080%2f15440478.2018.1477084&partnerID=40&md5=36d98fcab571333f1895f8a0120f0719

DOI: 10.1080/15440478.2018.1477084

DOCUMENT TYPE: Article in Press

PUBLICATION STAGE: Article in Press

SOURCE: Scopus

Tirillò, J., Ferrante, L., Sarasini, F., Lampani, L., Barbero, E., Sanchez-Saez, S., Valente, T., Gaudenzi, P.

25637859600;55618449400;8723985300;9737681400;35569930700;6508155421;7006256063;7004213263;

High velocity impact behaviour of hybrid basalt-carbon/epoxy composites

(2017) Composite Structures, 168, pp. 305-312. Cited 10 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013629026&doi=10.1016%2fj.compstruct.2017.02.039&partnerID=40&md5=d278b799da7f1387aef5028ebdfef221)

85013629026&doi=10.1016%2fj.compstruct.2017.02.039&partnerID=40&md5=d278b799da7f1387aef5028ebdfef221

DOI: 10.1016/j.compstruct.2017.02.039

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Sarasini, F., Tirillò, J., Puglia, D., Dominici, F., Santulli, C., Boimau, K., Valente, T., Torre, L.

8723985300;25637859600;6506615961;56059326200;56031332500;57193270376;7006256063;7003508310;

Biodegradable polycaprolactone-based composites reinforced with ramie and borassus fibres

(2017) Composite Structures, 167, pp. 20-29. Cited 11 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012122763&doi=10.1016%2fj.compstruct.2017.01.071&partnerID=40&md5=a5f4ea88291c935e038de4a91e48c469)

85012122763&doi=10.1016%2fj.compstruct.2017.01.071&partnerID=40&md5=a5f4ea88291c935e038de4a91e48c469

DOI: 10.1016/j.compstruct.2017.01.071

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Tana, F., Messori, M., Contini, D., Cigada, A., Valente, T., Variola, F., De Nardo, L., Bondioli, F.

57191821712;6603906617;23003264300;7005633716;7006256063;23098587900;35948045700;7004008488;

Synthesis and characterization of scratch-resistant hybrid coatings based on non-hydrolytic sol-gel ZrO₂ nanoparticles

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DOI: 10.1016/j.porgcoat.2016.11.022

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Pulci, G., Valente, T., Bartuli, C., Marra, F.

24333188100;7006256063;6701725431;36167148300;

Nanostructured YSZ thermal barrier coatings obtained by atmospheric plasma spray

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DOI: 10.1166/asl.2017.9091

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Baiamonte, L., Pulci, G., Hlede, E., Bartuli, C., Valente, T., Marra, F.

56298160300;24333188100;56297406800;6701725431;7006256063;36167148300;

Self-lubricating cobalt-based composite coatings deposited by Plasma Transferred Arc

(2017) Proceedings of the International Thermal Spray Conference, 2, pp. 1153-1157.

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DOCUMENT TYPE: Conference Paper

PUBLICATION STAGE: Final

SOURCE: Scopus

Ferrante, L., Sarasini, F., Tirillò, J., Lampani, L., Valente, T., Gaudenzi, P.
55618449400;8723985300;25637859600;9737681400;7006256063;7004213263
Low velocity impact response of basalt-aluminium fibre metal laminates
(2016) Materials and Design, 98, pp. 98-107. Cited 20 times.
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DOI: 10.1016/j.matdes.2016.03.002

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Scarponi, C., Sarasini, F., Tirillò, J., Lampani, L., Valente, T., Gaudenzi, P.
6701724538;8723985300;25637859600;9737681400;7006256063;7004213263;
Low-velocity impact behaviour of hemp fibre reinforced bio-based epoxy laminates
(2016) Composites Part B: Engineering, 91, pp. 162-168. Cited 21 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958956304&doi=10.1016%2fj.compositesb.2016.01.048&partnerID=40&md5=97e73c6a11602fff9af2c992f64b12e7>

DOI: 10.1016/j.compositesb.2016.01.048

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Sarasini, F., Tirillò, J., D'Altia, S., Valente, T., Santulli, C., Touchard, F., Chocinski-Arnault, L., Mellier, D., Lampani, L., Gaudenzi, P.
8723985300;25637859600;57133141200;7006256063;5603.332500;7004857934;15065202200;52464223000;9737681400;7004213263;
Damage tolerance of carbon/flax hybrid composites subjected to low velocity impact
(2016) Composites Part B: Engineering, 91, pp. 144-153. Cited 43 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958966912&doi=10.1016%2fj.compositesb.2016.01.050&partnerID=40&md5=192fcee9325d2ee7e33243a56c2e7b22>

DOI: 10.1016/j.compositesb.2016.01.050

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Marra, F., Baiamonte, L., Bartuli, C., Valente, M., Valente, T., Pulci, G.
36167148300;56298160300;6701725438;18435303400;7006256063;24333188100;
Tribological behaviour of alumina-titania nanostructured coatings produced by air plasma spray technique
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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963719158&doi=10.3303%2fCET1647022&partnerID=40&md5=1939775baf67124f08bb76df366e1e71>

DOI: 10.3303/CET1647022

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Sarasini, F., Tirillò, J., Lampani, L., Valente, T., Gaudenzi, P., Scarponi, C.
8723985300;25637859600;9737681400;7006256063;7004213263;6701724538;
Dynamic Response of Green Sandwich Structures
(2016) Procedia Engineering, 167, pp. 237-244. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013127179&doi=10.1016%2fj.proeng.2016.11.693&partnerID=40&md5=e7e301fc1edc0c619b8544b044fe0f9e>

DOI: 10.1016/j.proeng.2016.11.693
DOCUMENT TYPE: Conference Paper
PUBLICATION STAGE: Final
ACCESS TYPE: Open Access
SOURCE: Scopus

Paglia, L., Tirillò, J., Marra, F., Bartuli, C., Simone, A., Valente, T., Pulci, G.
57207157366;25637859600;36167148300;6701725431;57196561331;7006256063;24333188100;
Carbon-phenolic ablative materials for re-entry space vehicles: Plasma wind tunnel test and finite element modeling
(2016) Materials and Design, 90, pp. 1170-1180. Cited 21 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952360606&doi=10.1016%2fj.matdes.2015.11.066&partnerID=40&md5=ff7c8d27aa54c89a1ac0936b066f0891>

DOI: 10.1016/j.matdes.2015.11.066
DOCUMENT TYPE: Article
PUBLICATION STAGE: Final
SOURCE: Scopus

Gaudenzi, P., Nardi, D., Chiappetta, I., Atek, S., Lampani, L., Pasquali, M., Sarasini, F., Tirillò, J., Valente, T.
7004213263;56742905600;56800945500;6503966889;9737681400;37361407800;8723985300;25637859600;7006256063;
Sparse sensing detection of impact-induced delaminations in composite laminates
(2015) Composite Structures, 133, pp. 1209-1219. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940094703&doi=10.1016%2fj.compstruct.2015.08.052&partnerID=40&md5=c303506119a7e7a73081f7a100c817f4>

DOI: 10.1016/j.compstruct.2015.08.052
DOCUMENT TYPE: Article
PUBLICATION STAGE: Final
SOURCE: Scopus

Baiamonte, L., Marra, F., Pulci, G., Tirillò, J., Sarasini, F., Bartuli, C., Valente, T.
56298160300;36167148300;24333188100;25637859600;8723985300;6701725431;7006256063;
High temperature mechanical characterization of plasma-sprayed zirconia-yttria from conventional and nanostructured powders
(2015) Surface and Coatings Technology, 277, pp. 289-298. Cited 14 times.
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DOI: 10.1016/j.surfcoat.2015.07.071
DOCUMENT TYPE: Article
PUBLICATION STAGE: Final
SOURCE: Scopus

Baiamonte, L., Marra, F., Gazzola, S., Giovanetto, P., Bartuli, C., Valente, T., Pulci, G.
56298160300;36167148300;56997247100;56997435100;6701725431;7006256063;24333188100;
Thermal sprayed coatings for hot corrosion protection of exhaust valves in naval diesel engines
(2015) Surface and Coatings Technology, 295, pp. 78-87. Cited 13 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949521396&doi=10.1016%2fj.surfcoat.2015.10.072&partnerID=40&md5=ac309b89227c7d44b53197236e6b455e>

DOI: 10.1016/j.surfcoat.2015.10.072
DOCUMENT TYPE: Article
PUBLICATION STAGE: Final
SOURCE: Scopus

Pulci, G., Tirillò, J., Marra, F., Sarasini, F., Bellucci, A., Valente, T., Bartuli, C.
24333188100;25637859600;36167148300;8723985300;7003345408;7006256063;6701725431;

High temperature oxidation of MCrAlY coatings modified by Al₂O₃ PVD overlay
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84926251810&doi=10.1016%2fj.surfcoat.2014.09.048&partnerID=40&md5=0326c7c771b932529a617d6c1fbb0c4a

DOI: 10.1016/j.surfcoat.2014.09.048

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

D. Girolamo, G., Marra, F., Schioppa, M., Blasi, C., Pulci, G., Valente, T.

26534152800;36167148300;35620985200;35619969400;2433188100;7006256063;

Evolution of microstructural and mechanical properties of lanthanum zirconate thermal barrier coatings at high temperature

(2015) Surface and Coatings Technology, 268, pp. 298-302. Cited 24 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926258035&doi=10.1016%2fj.surfcoat.2014.07.067&partnerID=40&md5=636054ee2c5c0759906bd43b9b550e1c)

84926258035&doi=10.1016%2fj.surfcoat.2014.07.067&partnerID=40&md5=636054ee2c5c0759906bd43b9b550e1c

DOI: 10.1016/j.surfcoat.2014.07.067

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Zuorro, A., Lavecchia, R., Maffei, G., Marra, F., Miglietta, S., Petrangeli, A., Familiari, G., Valente, T.

24339773300;6603946053;56389429100;36167148300;56940649200;56940629000;35514590400;7006256063;

Enhanced lipid extraction from unbroken microalgal cells using enzymes

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84946018583&doi=10.3303%2fCET1543036&partnerID=40&md5=1b3b1a83b330828652389f5799c42454

DOI: 10.3303/CET1543036

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Pamero, P., Pulci, G., Marra, F., Valente, T., Montanaro, L.

8527007500;24333188100;36167148300;7006256063;7006507808;

Al₂O₃/ZrO₂/Y₂O₃/Al₅O₁₂ composites: A high-temperature mechanical characterization

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84923684752&doi=10.3390%2fma8020611&partnerID=40&md5=07262a240f0d7c3633338d86a4923e54

DOI: 10.3390/ma8020611

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

ACCESS TYPE: Open Access

SOURCE: Scopus

Sarasini, F., Tirillò, J., Santulli, C., Valente, T., Lampani, L., Gaucenzi, P.

8723985300;25637859600;56031332500;7006256063;9737681400;7004213263;

Falling-weight impact and post-impact flexural performance of hybrid flax/carbon laminates

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85053116866&partnerID=40&md5=d1657aee8c5463ae1a3863d3e8441588

DOCUMENT TYPE: Conference Paper

PUBLICATION STAGE: Final

SOURCE: Scopus

Tirillò, J., Sarasini, F., Ferrante, L., Valente, T., Lampani, L., Gaudenzi, P., Barbero, E., Sánchez-Sáez, S.
25637859600;8723985300;55618449400;7006256063;9737681400;7004213263;35569930700;6508155421;
Effect of basalt fibre hybridization on high velocity impact behaviour of carbon/epoxy composites
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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978039983&partnerID=40&md5=46b083ec0ca92c19bb60f3396d356e19>

DOCUMENT TYPE: Conference Paper

PUBLICATION STAGE: Final

SOURCE: Scopus

Akil, H.M., Santulli, C., Sarasini, F., Tirillò, J., Valente, T.
7102836574;56031332500;8723985300;25637859600;7006256063;
Environmental effects on the mechanical behaviour of pultruded jute/glass fibre-reinforced polyester hybrid
composites
(2014) Composites Science and Technology, 94, pp. 62-70. Cited 71 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893762156&doi=10.1016%2fj.compscitech.2014.01.017&partnerID=40&md5=be2df2a376c4ef96f9db32e4172c5dbd>

DOI: 10.1016/j.compscitech.2014.01.017

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

SOURCE: Scopus

Sarasini, F., Tirillò, J., Ferrante, L., Valente, M., Valente, T., Lampani, L., Gaudenzi, P., Cioffi, S., Iannace, S., Sorrentino, L.
8723985300;25637859600;55618449400;18435303400;7006256063;9737681400;7004213263;55325944900;7004509665;13409828400;
Drop-weight impact behaviour of woven hybrid basalt-carbon/epoxy composites
(2014) Composites Part B: Engineering, 59, pp. 204-220. Cited 85 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891813641&doi=10.1016%2fj.compositesb.2013.12.006&partnerID=40&md5=aa477ec70e37d99913863a6540955f78>

DOI: 10.1016/j.compositesb.2013.12.006

DOCUMENT TYPE: Article

PUBLICATION STAGE: Final

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Puglia, D., Santulli, C., Sarasini, F., Kenny, J.M., Valente, T.
6506615961;56031332500;8723985300;7202807854;7006256063;
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