Suela Kellici

List of Publications by Year
in descending order

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34	1,338	331670 21	454955 30
papers	citations	h-index	g-index

35	35	35	1851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Instant nano-hydroxyapatite: a continuous and rapid hydrothermal synthesis. Chemical Communications, 2006, , 2286.	4.1	142
2	Greener synthesis of dimethyl carbonate using a novel ceriaâ€“zirconia oxide/graphene nanocomposite catalyst. Applied Catalysis B: Environmental, 2015, 168-169, 353-362.	20.2	112
3	Titanium dioxide and composite metal/metal oxide titania thin films on glass: A comparative study of photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 204, 183-190.	3.9	107
4	A single rapid route for the synthesis of reduced graphene oxide with antibacterial activities. RSC Advances, 2014, 4, 14858.	3.6	105
5	Calixarene Assisted Rapid Synthesis of Silver-Graphene Nanocomposites with Enhanced Antibacterial Activity. ACS Applied Materials & Interfaces, 2016, 8, 19038-19046.	8.0	81
6	Direct continuous hydrothermal synthesis of high surface area nanosized titania. Journal of Alloys and Compounds, 2009, 476, 451-456.	5.5	79
7	Next frontiers in cleaner synthesis: 3D printed graphene-supported CeZrLa mixed-oxide nanocatalyst for CO2 utilisation and direct propylene carbonate production. Journal of Cleaner Production, 2019, 214, 606-614.	9.3	54
8	Greener synthesis of dimethyl carbonate using a novel tin-zirconia/graphene nanocomposite catalyst. Applied Catalysis B: Environmental, 2018, 226, 451-462.	20.2	52
9	Continuous hydrothermal flow synthesis of blue-luminescent, excitation-independent nitrogen-doped carbon quantum dots as nanosensors. Journal of Materials Chemistry A, 2020, 8, 3270-3279.	10.3	51
10	Efficient Continuous Hydrothermal Flow Synthesis of Carbon Quantum Dots from a Targeted Biomass Precursor for Onâ€“Off Metal Ions Nanosensing. ACS Sustainable Chemistry and Engineering, 2021, 9, 2559-2569.	6.7	50
11	Direct syntheses of Lan+1NinO3n+1 phases (n=1, 2, 3 and â^ž) from nanosized co-crystallites. Journal of Solid State Chemistry, 2008, 181, 1123-1132.	2.9	49
12	Rapid synthesis of graphene quantum dots using a continuous hydrothermal flow synthesis approach. RSC Advances, 2017, 7, 14716-14720.	3.6	49
13	Optical and photocatalytic behaviours of nanoparticles in the Tiâ€“Znâ€“O binary system. RSC Advances, 2014, 4, 31799.	3.6	45
14	Continuous hydrothermal flow synthesis of S-functionalised carbon quantum dots for enhanced oil recovery. Chemical Engineering Journal, 2021, 405, 126631.	12.7	43
15	Rapid Automated Materials Synthesis Instrument: Exploring the Composition and Heat-Treatment of Nanoprecursors Toward Low Temperature Red Phosphors. ACS Combinatorial Science, 2010, 12, 383-392.	3.3	35
16	Greener synthesis of propylene carbonate using graphene-inorganic nanocomposite catalysts. Catalysis Today, 2015, 256, 347-357.	4.4	35
17	High-throughput continuous hydrothermal flow synthesis of Znâ€“Ce oxides: unprecedented solubility of Zn in the nanoparticle fluorite lattice. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 4331-4349.	3.4	33
18	In-situ continuous hydrothermal synthesis of TiO2 nanoparticles on conductive N-doped MXene nanosheets for binder-free Li-ion battery anodes. Chemical Engineering Journal, 2022, 430, 132976.	12.7	33

#	Article	IF	Citations
19	Selective Calixareneâ€Directed Synthesis of MXene Plates, Crumpled Sheets, Spheres, and Scrolls. Chemistry - A European Journal, 2017, 23, 8128-8133.	3.3	30
20	Continuous hydrothermal flow synthesis of graphene quantum dots. Reaction Chemistry and Engineering, 2018, 3, 949-958.	3.7	27
21	Green Process Engineering as the Key to Future Processes. Processes, 2014, 2, 311-332.	2.8	23
22	Screening tests for the evaluation of nanoparticle titania photocatalysts. Journal of Chemical Technology and Biotechnology, 2009, 84, 1717-1725.	3.2	22
23	Imaging the continuous hydrothermal flow synthesis of nanoparticulate CeO2 at different supercritical water temperatures using in situ angle-dispersive diffraction. Journal of Supercritical Fluids, 2014, 87, 118-128.	3.2	20
24	Chemical Functionalisation of 2D Materials by Batch and Continuous Hydrothermal Flow Synthesis. Chemistry - A European Journal, 2020, 26, 6447-6460.	3.3	16
25	Greener synthesis of 1,2-butylene carbonate from CO2 using graphene-inorganic nanocomposite catalyst. Energy, 2018, 165, 867-876.	8.8	14
26	Continuous flow vortex fluidic-mediated exfoliation and fragmentation of two-dimensional MXene. Royal Society Open Science, 2020, 7, 192255.	2.4	10
27	Vortex Fluidic Mediated Synthesis of TiO₂ Nanoparticle/MXene Composites. ChemNanoMat, 2020, 6, 657-662.	2.8	9
28	3D printed catalytic reactors for aerobic selective oxidation of benzyl alcohol into benzaldehyde in continuous multiphase flow. Sustainable Materials and Technologies, 2021, 30, e00329.	3.3	6
29	Controlled growth of titania nanospheres in supercritical carbon dioxide using a novel surfactant stabilised precursor. Journal of Materials Chemistry, 2006, 16, 159-161.	6.7	5
30	The Rapid Automated Materials Synthesis Instrument (RAMSI): A High Throughput Combinatorial Robot for Nanoceramics Discovery. Advances in Science and Technology, 2010, 62, 215-220.	0.2	1
31	Frontispiece: Selective Calixareneâ€Directed Synthesis of MXene Plates, Crumpled Sheets, Spheres, and Scrolls. Chemistry - A European Journal, 2017, 23, .	3.3	0
32	New Pathways in the Synthesis of 2-Dimensional Materials. Advances in Science, Technology and Innovation, 2018, , 3-4.	0.4	0
33	Frontispiece: Chemical Functionalisation of 2D Materials by Batch and Continuous Hydrothermal Flow Synthesis. Chemistry - A European Journal, 2020, 26, .	3.3	0
34	Greener Synthesis of 1,2-Butylene Carbonate from CO2 Using Graphene-Inorganic Nanocomposite Catalysis. , 0, , .		0