Suela Kellici

List of Publications by Year
in descending order

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Version: 2024-02-01

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	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
2	Continuous hydrothermal flow synthesis of S-functionalised carbon quantum dots for enhanced oil recovery. Chemical Engineering Journal, 2021, 405, 126631.	12.7	43
3	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
4	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
5	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
6	Continuous flow vortex fluidic-mediated exfoliation and fragmentation of two-dimensional MXene. Royal Society Open Science, 2020, 7, 192255.	2.4	10
7	Chemical Functionalisation of 2D Materials by Batch and Continuous Hydrothermal Flow Synthesis. Chemistry - A European Journal, 2020, 26, 6447-6460.	3.3	16
8	Frontispiece: Chemical Functionalisation of 2D Materials by Batch and Continuous Hydrothermal Flow Synthesis. Chemistry - A European Journal, 2020, 26, .	3.3	0
9	Vortex Fluidic Mediated Synthesis of TiO₂ Nanoparticle/MXene Composites. ChemNanoMat, 2020, 6, 657-662.	2.8	9
10	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
11	New Pathways in the Synthesis of 2-Dimensional Materials. Advances in Science, Technology and Innovation, 2018, , 3-4.	0.4	0
12	Greener synthesis of dimethyl carbonate using a novel tin-zirconia/graphene nanocomposite catalyst. Applied Catalysis B: Environmental, 2018, 226, 451-462.	20.2	52
13	Continuous hydrothermal flow synthesis of graphene quantum dots. Reaction Chemistry and Engineering, 2018, 3, 949-958.	3.7	27
14	Greener synthesis of 1,2-butylene carbonate from CO2 using graphene-inorganic nanocomposite catalyst. Energy, 2018, 165, 867-876.	8.8	14
15	Rapid synthesis of graphene quantum dots using a continuous hydrothermal flow synthesis approach. RSC Advances, 2017, 7, 14716-14720.	3.6	49
16	Selective Calixareneâ€Directed Synthesis of MXene Plates, Crumpled Sheets, Spheres, and Scrolls. Chemistry - A European Journal, 2017, 23, 8128-8133.	3.3	30
17	Frontispiece: Selective Calixareneâ€Directed Synthesis of MXene Plates, Crumpled Sheets, Spheres, and Scrolls. Chemistry - A European Journal, 2017, 23, .	3.3	0
18	Calixarene Assisted Rapid Synthesis of Silver-Graphene Nanocomposites with Enhanced Antibacterial Activity. ACS Applied Materials & Interfaces, 2016, 8, 19038-19046.	8.0	81

#	Article	IF	Citations
19	Greener synthesis of propylene carbonate using graphene-inorganic nanocomposite catalysts. Catalysis Today, 2015, 256, 347-357.	4.4	35
20	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
21	Optical and photocatalytic behaviours of nanoparticles in the Tiâ€“Znâ€“O binary system. RSC Advances, 2014, 4, 31799.	3.6	45
22	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
23	A single rapid route for the synthesis of reduced graphene oxide with antibacterial activities. RSC Advances, 2014, 4, 14858.	3.6	105
24	Green Process Engineering as the Key to Future Processes. Processes, 2014, 2, 311-332.	2.8	23
25	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
26	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
27	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
28	Screening tests for the evaluation of nanoparticle titania photocatalysts. Journal of Chemical Technology and Biotechnology, 2009, 84, 1717-1725.	3.2	22
29	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
30	Direct continuous hydrothermal synthesis of high surface area nanosized titania. Journal of Alloys and Compounds, 2009, 476, 451-456.	5.5	79
31	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
32	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
33	Instant nano-hydroxyapatite: a continuous and rapid hydrothermal synthesis. Chemical Communications, 2006, , 2286.	4.1	142
34	Greener Synthesis of 1,2-Butylene Carbonate from CO2 Using Graphene-Inorganic Nanocomposite Catalysis. , 0, , .		0