

Roland Habchi

List of Publications by Year in descending order

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16
papers

878
citations

759233

12
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress on Titanium Dioxide Nanomaterials for Photocatalytic Applications. ChemSusChem, 2018, 11, 3023-3047.	6.8	243
2	A review on flexible gas sensors: From materials to devices. Sensors and Actuators A: Physical, 2018, 284, 209-231.	4.1	164
3	Enhanced Visible-Light Photocatalytic Performance of Electrospun rGO/TiO ₂ Composite Nanofibers. Journal of Physical Chemistry C, 2017, 121, 261-269.	3.1	119
4	Enhanced photocatalytic performance of novel electrospun BN/TiO ₂ composite nanofibers. New Journal of Chemistry, 2017, 41, 81-89.	2.8	79
5	Superparamagnetic Fe ₃ O ₄ nanoparticles, synthesis and surface modification. Materials Science in Semiconductor Processing, 2015, 39, 641-648.	4.0	69
6	Synthesis of novel ZnO/ZnAl ₂ O ₄ multi co-centric nanotubes and their long-term stability in photocatalytic application. RSC Advances, 2016, 6, 103692-103699.	3.6	47
7	A review on the current research on graphene-based aerogels and their applications. Carbon Trends, 2021, 4, 100065.	3.0	43
8	Optical and structural properties of Al ₂ O ₃ doped ZnO nanotubes prepared by ALD and their photocatalytic application. Surface and Coatings Technology, 2018, 343, 24-29.	4.8	21
9	Urchin-inspired ZnO-TiO ₂ core-shell as building blocks for dye sensitized solar cells. Materials and Design, 2017, 126, 314-321.	7.0	20
10	Analysis of ultraviolet photo-response of ZnO nanostructures prepared by electrodeposition and atomic layer deposition. Applied Surface Science, 2018, 444, 253-259.	6.1	20
11	Intensification of Vaporization by Decompression to the Vacuum (IVDV), a novel technology applied as a pretreatment to improve polyphenols extraction from olive leaves. Food Chemistry, 2021, 342, 128236.	8.2	17
12	Design of Multilayers of Urchin-like ZnO Nanowires Coated with TiO ₂ Nanostructures for Dye-Sensitized Solar Cells. ACS Applied Nano Materials, 2018, 1, 3705-3714.	5.0	16
13	Tuning of Ag doped core-shell ZnO NWs/Cu ₂ O grown by electrochemical deposition. Materials Research Express, 2015, 2, 095002.	1.6	8
14	Stabilization and encapsulation of magnetite nanoparticles. Materials Research Express, 2016, 3, 125024.	1.6	4
15	Enhanced UV photosensing properties of ZnO nanowires prepared by electrodeposition and atomic layer deposition. Journal of Solid State Electrochemistry, 2017, 21, 2877-2886.	2.5	4
16	Nitrogen-doped graphene aerogels for highly efficient toluene removal from water. , 2022, 7, 51-57.		4