

Umapathy Subramanian

List of Publications by Year in descending order

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papers

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687363

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44
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490
citing authors

#	ARTICLE	IF	CITATIONS
1	On the optical and thermal properties of in situ/ex situ reduced Ag NP TM s/PVA composites and its role as a simple SPR-based protein sensor. Applied Nanoscience (Switzerland), 2011, 1, 87-96.	3.1	87
2	Eosin Yellowish Dye-Sensitized ZnO Nanostructure-Based Solar Cells Employing Solid PEO Redox Couple Electrolyte. International Journal of Photoenergy, 2012, 2012, 1-8.	2.5	34
3	Synthesis and characterizations of nano-sized Ni(OH) ₂ and Ni(OH) ₂ /poly(vinyl alcohol) nano composite. Journal of Materials Science, 2009, 44, 5852-5860.	3.7	27
4	Investigation of the Coronal Magnetic Field Using a Type II Solar Radio Burst. Solar Physics, 2014, 289, 251-261.	2.5	26
5	SYNTHESIS AND CHARACTERIZATION OF NANOSIZED Mg(OH) ₂ AND ITS NANOCOMPOSITE WITH POLY (VINYL ALCOHOL). Nano, 2009, 04, 147-156.	1.0	25
6	Type II bursts in Meter and Decameter to Hectometer Wavelength Ranges and Their Relation to Flares and CMEs. Solar Physics, 2009, 258, 105-118.	2.5	20
7	Multiple Type II Solar Radio Bursts. Solar Physics, 2005, 232, 87-103.	2.5	19
8	Characteristics of Type-II Radio Bursts Associated with Flares and CMEs. Solar Physics, 2011, 273, 143-162.	2.5	17
9	Origin of Coronal Shocks without Mass Ejections. Solar Physics, 2006, 233, 117-127.	2.5	16
10	Characteristics of coronal mass ejection associated with DH type II radio bursts (All and Limb events). Astrophysics and Space Science, 2010, 330, 237-242.	1.4	16
11	Synthesis and Characterization of Nano-sized Zn(OH) ₂ and Zn(OH) ₂ /PVA Nano-composite. Composite Interfaces, 2010, 17, 757-774.	2.3	16
12	Empirical Relationship Between CME Parameters and Geo-effectiveness of Halo CMEs in the Rising Phase of Solar Cycle 24 (2011 to 2013). Solar Physics, 2015, 290, 1417-1427.	2.5	15
13	Polymerization of acrylamide in the presence of ultrasound and peroxomonosulfate. Journal of Polymer Science Part A, 1998, 36, 2715-2719.	2.3	13
14	Kinematics and Flare Properties of Radio-Loud CMEs. Solar Physics, 2012, 281, 765-777.	2.5	13
15	Relationships Between Interplanetary Coronal Mass Ejection Characteristics and Geoeffectiveness in the Rising Phase of Solar Cycles 23 and 24. Solar Physics, 2016, 291, 1547-1560.	2.5	13
16	Type-II Bursts in Meter and Deca to Hectometer Wavelengths and Their Relation to Flares and CMEs: II. Solar Physics, 2010, 266, 135-147.	2.5	12
17	A Statistical Study on CMEs Associated with DH-Type-II Radio Bursts Based on Their Source Location (Limb and Disk Events). Solar Physics, 2013, 282, 239-247.	2.5	10
18	Spectroscopic Studies on Pure and Histidine-Functionalized Multiwalled Carbon Nanotubes. Spectroscopy Letters, 2014, 47, 642-648.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Characteristics of events with metric-to-decahctometric type II radio bursts associated with CMEs and flares in relation to SEP events. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	1.4	10
20	Polymerization of methacrylamide in the presence of ultrasound and peroxomonosulphate. <i>Journal of Applied Polymer Science</i> , 2000, 76, 524-529.	2.6	9
21	Characteristics of DH type II bursts, CMEs and flares with respect to the acceleration of CMEs. <i>Astrophysics and Space Science</i> , 2012, 337, 47-64.	1.4	7
22	A Statistical Study on DH CMEs and Its Geoeffectiveness. <i>ISRN Astronomy and Astrophysics</i> , 2013, 2013, 1-13.	0.2	7
23	Sonochemical cyclopolymerization of diallylamine in the presence of peroxomonosulfate. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1548-1553.	2.6	6
24	Synthesis and characterizations of nanosized iron(II) hydroxide and iron(II) hydroxide/poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.6	6
25	Spectroscopic Studies on Threonine Doped Polyaniline Composites. <i>Spectroscopy Letters</i> , 2012, 45, 588-593.	1.0	6
26	Geoeffectiveness and flare properties of radio-loud CMEs. <i>Astrophysics and Space Science</i> , 2014, 350, 33-45.	1.4	5
27	Influence of $\hat{\pm}$ -amylase template concentration on systematic entrapment of highly stable and monodispersed colloidal gold nanoparticles. <i>AIP Advances</i> , 2016, 6, .	1.3	5
28	Growth Mechanism of Pine-leaf-like Nanostructure from the Backbone of SrCO_3 Nanorods using LaMer's Surface Diffusion: Impact of Higher Surface Energy ($\hat{i}^3 = 38.9$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td Calculations. <i>Crystal Growth and Design</i> , 2017, 17, 6394-6406.	3.0	5
29	Heat transfer in poly(methyl acrylate) by photoacoustic measurements. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1071-1076.	2.6	4
30	Initial results from the Madurai solar radio spectrograph. <i>Solar Physics</i> , 1999, 188, 155-162.	2.5	3
31	Coronal Shocks Associated with Impulsive and Decaying Phases of Solar Flares. <i>Solar Physics</i> , 2010, 264, 353-364.	2.5	3
32	Characteristics of CMEs associated with solar flares and DH type II radio bursts based on source position. <i>Astrophysics and Space Science</i> , 2012, 338, 227-231.	1.4	3
33	Second order Raman spectrum of carbon disulphide in the condensed phase. <i>Journal of Raman Spectroscopy</i> , 1980, 9, 144-149.	2.5	2
34	Characteristics of a type II solar radio burst on 22 March 1998. <i>Solar Physics</i> , 2001, 201, 373-387.	2.5	2
35	Re-Evaluation of the Flare?Type II?CME Association. <i>Solar Physics</i> , 2004, 225, 141-155.	2.5	2
36	Construction of a Low Cost Photoacoustic Spectrometer for Characterization of Materials. <i>Macromolecular Symposia</i> , 2005, 222, 287-296.	0.7	2

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37	The measurement of thermal diffusivity in poly(methyl acrylate) by photoacoustic technique. Journal of Applied Polymer Science, 2006, 100, 3756-3760.	2.6	2
38	Distinctions between the characteristics of before and after DH CMEs associated flares. Astrophysics and Space Science, 2012, 340, 1-8.	1.4	2
39	Studies on Longer Wavelength Type II Radio Bursts Associated with Flares and CMEs during the Rise and Decay Phase of 23rd Solar Cycle. Journal of Astrophysics, 2014, 2014, 1-13.	0.4	2
40	Studies on some properties of coronal mass ejections based on angular width. Astrophysics and Space Science, 2011, 335, 373-378.	1.4	1
41	On the possibility of radio emission from quasi-parallel and quasi-perpendicular propagation of shocks. Journal of Astrophysics and Astronomy, 2000, 21, 259-262.	1.0	0
42	Observations of Solar Bursts Using the New Radio Spectrograph. Symposium - International Astronomical Union, 2002, 199, 432-433.	0.1	0
43	Eosin yellowish dye sensitized TiO ₂ solar cell with PEG/PEO/LiI/I ₂ as electrolyte. , 2012, , .		0
44	Solar and interplanetary activities of isolated and non-isolated coronal mass ejections. Indian Journal of Physics, 2017, 91, 711-720.	1.8	0