

T Suthan

List of Publications by Year in descending order

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20
papers

384
citations

759233

12
h-index

752698

20
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20
all docs

20
docs citations

20
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and characterization of benzil single crystals using nanotranslation by the modified vertical Bridgman technique. <i>CrystEngComm</i> , 2011, 13, 4018.	2.6	48
2	Growth and characterization of naphthalene single crystals grown by modified vertical Bridgman method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 69-73.	3.9	41
3	Growth and characterization of organic material 4-nitrobenzaldehyde single crystal using modified vertical Bridgman technique. <i>Journal of Crystal Growth</i> , 2010, 312, 3156-3160.	1.5	36
4	Studies on crystal growth and physical properties of 2-amino-5-chloropyridine single crystal. <i>Materials Chemistry and Physics</i> , 2011, 129, 433-438.	4.0	34
5	Growth and characterization of organic material 2-hydroxypyridine single crystal by modified vertical Bridgman technique. <i>Materials Chemistry and Physics</i> , 2011, 130, 915-920.	4.0	33
6	Growth and characterization of organic material 3-hydroxybenzaldehyde single crystal by modified vertical Bridgman technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 87, 194-198.	3.9	31
7	Growth and characterization of 2-hydroxy-4-methoxybenzophenone single crystal using modified vertical Bridgman technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 771-776.	3.9	27
8	Growth and characterization of organic material 2-methylamino-5-chlorobenzophenone single crystal by modified vertical Bridgman technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1443-1448.	3.9	22
9	Growth and Characterization of Organic 2,4-Dinitroaniline Single Crystals for Optical Applications. <i>Journal of Electronic Materials</i> , 2022, 51, 1639-1652.	2.2	20
10	Growth and characterization of organic material 3,4,5-trimethoxybenzaldehyde single crystal for optical applications. <i>Optics and Laser Technology</i> , 2019, 115, 500-507.	4.6	19
11	Growth and characterization of organic material 4-dimethylaminobenzaldehyde single crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 959-964.	3.9	17
12	Growth and characterization of benzyl 4-hydroxybenzoate single crystal by vertical Bridgman technique for optical applications. <i>Optics and Laser Technology</i> , 2018, 103, 163-169.	4.6	14
13	Growth and characterization of organic material 3,4-dimethoxybenzaldehyde-2,4-dinitroaniline single crystal. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3232-3246.	2.2	9
14	Molecular structure, NBO analysis, electronic absorption and vibrational spectral analysis of 2-Hydroxy-4-Methoxybenzophenone: Reassignment of fundamental modes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 216-227.	3.9	8
15	Growth and characterization of organic single crystal benzyl carbamate. <i>Journal of Crystal Growth</i> , 2015, 427, 24-28.	1.5	7
16	Growth and characterization of organic 4-methyl-2-nitroaniline single crystals for nonlinear optical applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 5909-5923.	2.2	6
17	Perspective on quantifying electron localization/delocalization, non-linear optical response and vibrational analysis of 4-(dimethylamino)benzaldehyde-2,4-dinitroaniline. <i>Journal of Molecular Structure</i> , 2017, 1146, 797-807.	3.6	4
18	Growth and characterization of propyl 4-hydroxybenzoate single crystal by vertical Bridgman technique. <i>Materials Research Innovations</i> , 2018, 22, 144-149.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Growth and characterization of organic 2-methoxy-4-nitroaniline single crystal for optical applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 14214-14227.	2.2	3
20	Growth and characterization of organic material 2-bromobenzyl alcohol single crystal by vertical Bridgman technique. Journal of Materials Science: Materials in Electronics, 2021, 32, 1808-1817.	2.2	1