

Pran Nath

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

7,568
citations

41
h-index

84
g-index

171
ext. papers

7,772
ext. citations

5.2
avg. IF

6.12
L-index

#	Paper	IF	Citations
158	Xenon-1T excess as a possible signal of a sub-GeV hidden sector dark matter. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
157	Self-interacting hidden sector dark matter, small scale galaxy structure anomalies, and a dark force. <i>Physical Review D</i> , 2021 , 103,	4.9	6
156	Yukawa coupling unification in an SO(10) model consistent with Fermilab (g μ) result. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	6
155	A multi-temperature universe can allow a sub-MeV dark photon dark matter. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
154	Corrections to Yukawa couplings from higher dimensional operators in a natural SUSY SO(10) and HL-LHC implications. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	4
153	What the Fermilab muon g μ experiment tells us about discovering supersymmetry at high luminosity and high energy upgrades to the LHC. <i>Physical Review D</i> , 2021 , 104,	4.9	9
152	A decaying neutralino as dark matter and its gamma ray spectrum. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
151	A cosmologically consistent millicharged dark matter solution to the EDGES anomaly of possible string theory origin. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
150	Supersymmetry unification, naturalness, and discovery prospects at HL-LHC and HE-LHC. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 3047-3059	2.3	0
149	Expanding the parameter space of natural supersymmetry. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
148	A long-lived stop with freeze-in and freeze-out dark matter in the hidden sector. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
147	Supersymmetric Dirac-Born-Infeld axionic inflation and non-Gaussianity. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	1
146	High energy physics and cosmology at the unification frontier: Opportunities and challenges in the coming years. <i>International Journal of Modern Physics A</i> , 2018 , 33, 1830017	1.2	4
145	Observables of low-lying supersymmetric vectorlike leptonic generations via loop corrections. <i>Physical Review D</i> , 2018 , 98,	4.9	1
144	Supersymmetry at a 28 TeV hadron collider: HE-LHC. <i>Physical Review D</i> , 2018 , 98,	4.9	19
143	Evidence for inflation in an axion landscape. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
142	Baryogenesis and dark matter in U(1) extensions. <i>Modern Physics Letters A</i> , 2017 , 32, 1740005	1.3	4

141	Supergravity models with 50000 TeV scalars, supersymmetry discovery at the LHC, and gravitino decay constraints. <i>Physical Review D</i> , 2017 , 96,	4.9	10
140	Flavor violating top decays and flavor violating quark decays of the Higgs boson. <i>International Journal of Modern Physics A</i> , 2017 , 32, 1750135	1.2	1
139	Stau coannihilation, compressed spectrum, and SUSY discovery potential at the LHC. <i>Physical Review D</i> , 2017 , 95,	4.9	14
138	A stronger case for superunification post Higgs boson discovery. <i>Physica Scripta</i> , 2017 , 92, 124005	2.6	3
137	Ultralight axion in supersymmetry and strings and cosmology at small scales. <i>Physical Review D</i> , 2017 , 96,	4.9	22
136	Supersymmetry after the Higgs. <i>Annalen Der Physik</i> , 2016 , 528, 167-178	2.6	3
135	An analysis of $B\mu\mu$ operators from matter-Higgs interactions in a class of supersymmetric $SO(10)$ models. <i>Physical Review D</i> , 2016 , 93,	4.9	10
134	Glino coannihilation and observability of gluinos at LHC run II. <i>Physical Review D</i> , 2016 , 93,	4.9	15
133	Higgs boson mass constraint and the CP even-CP odd Higgs boson mixing in an MSSM extension. <i>Physical Review D</i> , 2016 , 94,	4.9	2
132	Flavor violating leptonic decays of the Higgs boson. <i>Physical Review D</i> , 2016 , 94,	4.9	3
131	ATLAS diboson excess from Stueckelberg mechanism. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1-15	5.4	2
130	Leptonic $g\mu$ moments, CP phases, and the Higgs boson mass constraint. <i>Physical Review D</i> , 2016 , 94,	4.9	11
129	Sparticle mass hierarchies, simplified models from SUGRA unification, and benchmarks for LHC Run-II SUSY searches. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	16
128	Neutron electric dipole moment and probe of PeV scale physics. <i>Physical Review D</i> , 2015 , 91,	4.9	5
127	Chromoelectric dipole moments of quarks in MSSM extensions. <i>Physical Review D</i> , 2015 , 92,	4.9	9
126	Light stops and observation of supersymmetry at LHC run II. <i>Physical Review D</i> , 2015 , 92,	4.9	17
125	$B\mu\mu$ decay in an MSSM extension. <i>Physical Review D</i> , 2015 , 92,	4.9	10
124	Large neutrino magnetic dipole moments in MSSM extensions. <i>Physical Review D</i> , 2014 , 89,	4.9	11

123	Probe of new physics using precision measurement of the electron magnetic moment. <i>Physical Review D</i> , 2014 , 89,	4.9	6
122	Electron electric dipole moment as a sensitive probe of PeV scale physics. <i>Physical Review D</i> , 2014 , 90,	4.9	26
121	3.5 keV galactic emission line as a signal from the hidden sector. <i>Physical Review D</i> , 2014 , 90,	4.9	7
120	Higgs boson mass, proton decay, naturalness, and constraints of the LHC and Planck data. <i>Physical Review D</i> , 2013 , 87,	4.9	36
119	Perspectives on Higgs boson and supersymmetry. <i>Frontiers of Physics</i> , 2013 , 8, 294-301	3.7	1
118	$B \rightarrow B_s$ decay in extensions with a vectorlike generation. <i>Physical Review D</i> , 2013 , 87,	4.9	14
117	Higgs diphoton rate and mass enhancement with vectorlike leptons and the scale of supersymmetry. <i>Physical Review D</i> , 2013 , 87,	4.9	15
116	Baryogenesis from dark matter. <i>Physical Review D</i> , 2013 , 88,	4.9	9
115	Radiative decays of cosmic background neutrinos in extensions of the MSSM with a vectorlike lepton generation. <i>Physical Review D</i> , 2013 , 88,	4.9	14
114	Naturalness, supersymmetry and implications for LHC and dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 192-199	4.2	76
113	R-parity conservation via the Stueckelberg mechanism: LHC and Dark Matter Signals. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	32
112	Higgs boson mass predictions in supergravity unification, recent LHC-7 results, and dark matter. <i>Physical Review D</i> , 2012 , 85,	4.9	73
111	Implications of the Higgs boson discovery for mSUGRA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 188-192	4.2	74
110	Variety of SO(10) GUTs with natural doublet-triplet splitting via the missing partner mechanism. <i>Physical Review D</i> , 2012 , 85,	4.9	29
109	THE DEVELOPMENT OF SUPERGRAVITY GRAND UNIFICATION: CIRCA 1982–1985. <i>International Journal of Modern Physics A</i> , 2012 , 27, 1230028	1.2	14
108	HIGGS PHYSICS AND SUPERSYMMETRY. <i>International Journal of Modern Physics A</i> , 2012 , 27, 1230029	1.2	26
107	Predictive signatures of supersymmetry: Measuring the dark matter mass and gluino mass with early LHC data. <i>Physical Review D</i> , 2011 , 84,	4.9	22
106	Low mass gluino within the sparticle landscape, implications for dark matter, and early discovery prospects at LHC-7. <i>Physical Review D</i> , 2011 , 83,	4.9	30

105	Chromoelectric dipole moment of the top quark in models with vectorlike multiplets. <i>Physical Review D</i> , 2011 , 84,	4.9	32
104	Excess observed in $CDF B_s \rightarrow \mu\mu$ and supersymmetry at the LHC. <i>Physical Review D</i> , 2011 , 84,	4.9	12
103	Higgsino dark matter model consistent with galactic cosmic ray data and possibility of discovery at LHC-7. <i>Physical Review D</i> , 2011 , 83,	4.9	8
102	NEW CONSTRAINTS ON DARK MATTER FROM CMS AND ATLAS DATA. <i>Modern Physics Letters A</i> , 2011 , 26, 1521-1535	1.3	34
101	Developments in Supergravity Unified Models. <i>Advanced Series on Directions in High Energy Physics</i> , 2010 , 222-243	0	
100	Top quark electric dipole moment in a minimal supersymmetric standard model extension with vectorlike multiplets. <i>Physical Review D</i> , 2010 , 82,	4.9	35
99	PREDICTED SIGNATURES AT THE LHC FROM U(1) EXTENSIONS OF THE STANDARD MODEL. <i>Modern Physics Letters A</i> , 2010 , 25, 3003-3016	1.3	4
98	HIGH SCALE PHYSICS CONNECTION TO LHC DATA. <i>International Journal of Modern Physics A</i> , 2010 , 25, 5647-5665	1.2	1
97	Connecting the direct detection of dark matter with observation of sparticles at the LHC. <i>Physical Review D</i> , 2010 , 81,	4.9	15
96	Yukawa couplings and quark and lepton masses in an SO(10) model with a unified Higgs sector. <i>Physical Review D</i> , 2010 , 81,	4.9	23
95	Large tau and tau neutrino electric dipole moments in models with vectorlike multiplets. <i>Physical Review D</i> , 2010 , 81,	4.9	28
94	Low mass neutralino dark matter in the minimal supersymmetric standard model with constraints from $B_s \rightarrow \mu\mu$ and Higgs boson search limits. <i>Physical Review D</i> , 2010 , 81,	4.9	52
93	Multicomponent dark matter in supersymmetric hidden sector extensions. <i>Physical Review D</i> , 2010 , 81,	4.9	57
92	PAMELA positron excess as a signal from the hidden sector. <i>Physical Review D</i> , 2009 , 79,	4.9	131
91	Gluino NLSP, dark matter via gluino coannihilation, and LHC signatures. <i>Physical Review D</i> , 2009 , 80,	4.9	53
90	Explaining PAMELA and WMAP data through coannihilations in extended SUGRA with collider implications. <i>Physical Review D</i> , 2009 , 80,	4.9	34
89	CP violation from the standard model to strings. <i>Reviews of Modern Physics</i> , 2008 , 80, 577-631	40.5	78
88	Suppression of Higgsino mediated proton decay by cancellations in grand unified theories and strings. <i>Physical Review D</i> , 2008 , 77,	4.9	13

87	MSSM extension with a mirror fourth generation, neutrino magnetic moments, and CERN LHC signatures. <i>Physical Review D</i> , 2008 , 78,	4.9	33
86	Extra-weakly interacting dark matter. <i>Physical Review D</i> , 2007 , 75,	4.9	76
85	Proton stability in grand unified theories, in strings and in branes. <i>Physics Reports</i> , 2007 , 441, 191-317	27.7	263
84	Landscape of supersymmetric particle mass hierarchies and their signature space at the CERN Large Hadron Collider. <i>Physical Review Letters</i> , 2007 , 99, 251802	7.4	57
83	An improved analysis of $b \rightarrow s \mu \mu$ in supersymmetry. <i>Physical Review D</i> , 2006 , 74,	4.9	53
82	Fermion mass generation in SO(10) with a unified Higgs sector. <i>Physical Review D</i> , 2006 , 74,	4.9	40
81	Unified framework for symmetry breaking in SO(10). <i>Physical Review D</i> , 2005 , 72,	4.9	46
80	WMAP dark matter constraints and Yukawa unification in supergravity models with CP phases. <i>Physical Review D</i> , 2005 , 72,	4.9	37
79	SOFT BREAKING IN SUSY, STRING AND INTERSECTING D BRANE MODELS. <i>International Journal of Modern Physics A</i> , 2005 , 20, 1320-1327	1.2	
78	Modular invariant soft breaking, WMAP, dark matter, and sparticle mass limits. <i>Physical Review D</i> , 2004 , 70,	4.9	2
77	Sensitivity of supersymmetric dark matter to the b quark mass. <i>Physical Review D</i> , 2004 , 70,	4.9	32
76	Effective Lagrangian for the $\tilde{b} \tilde{D} H$ interaction in the minimal supersymmetric standard model and charged Higgs decays. <i>Physical Review D</i> , 2004 , 70,	4.9	13
75	Coupling the supersymmetric 210 vector multiplet to matter in SO(10). <i>Nuclear Physics B</i> , 2004 , 676, 64-98	2.8	17
74	Effective action and soft supersymmetry breaking for intersecting D-brane models. <i>Nuclear Physics B</i> , 2004 , 681, 77-119	2.8	56
73	WMAP constraints, supersymmetric dark matter, and implications for the direct detection of supersymmetry. <i>Physical Review D</i> , 2003 , 68,	4.9	225
72	Neutralino exchange corrections to the Higgs boson mixings with explicit CP violation. <i>Physical Review D</i> , 2002 , 66,	4.9	62
71	$b \mu$ unification, g_{μ} , the $b \rightarrow s \mu \mu$ constraint, and nonuniversalities. <i>Physical Review D</i> , 2002 , 65,	4.9	70
70	Analysis of couplings with large tensor representations in SO(2N) and proton decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 506, 68-76	4.2	42

69	Upper limits on sparticle masses from $g - 2$ and the possibility for discovery of supersymmetry at colliders and in dark matter searches. <i>Physical Review Letters</i> , 2001 , 86, 5854-7	7.4	92
68	Gaugino mass nonuniversality and dark matter in supergravity, strings, and D-brane models. <i>Physical Review D</i> , 2001 , 64,	4.9	137
67	Corrections to the Higgs boson masses and mixings from chargino, W, and charged Higgs exchange loops and large CP phases. <i>Physical Review D</i> , 2001 , 63,	4.9	95
66	Complete cubic and quartic couplings of 16 and in SO(10) unification. <i>Nuclear Physics B</i> , 2001 , 618, 138-156	5.8	37
65	OUT-GOING MUON FLUX FROM NEUTRALINO ANNIHILATION IN THE SUN AND THE EARTH IN SUPERGRAVITY UNIFICATION. <i>International Journal of Modern Physics A</i> , 2000 , 15, 905-914	1.2	23
64	Effects of large CP phases on the proton lifetime in supersymmetric unification. <i>Physical Review D</i> , 2000 , 62,	4.9	15
63	Large CP phases and the cancellation mechanism in EDMs in SUSY, string, and brane models. <i>Physical Review D</i> , 2000 , 61,	4.9	101
62	Cosmological constraints on supergravity unified models. <i>Physics Reports</i> , 1998 , 307, 215-226	27.7	1
61	Naturalness, weak scale supersymmetry, and the prospect for the observation of supersymmetry at the Fermilab Tevatron and at the CERN LHC. <i>Physical Review D</i> , 1998 , 58,	4.9	300
60	Neutron and electron electric dipole moment in N=1 supergravity unification. <i>Physical Review D</i> , 1998 , 57, 478-488	4.9	282
59	Neutron and lepton electric dipole moments in the minimal supersymmetric standard model, large CP violating phases, and the cancellation mechanism. <i>Physical Review D</i> , 1998 , 58,	4.9	243
58	ACCURATE COSMOLOGICAL PARAMETERS AND SUPERSYMMETRIC PARTICLE PROPERTIES. <i>Modern Physics Letters A</i> , 1998 , 13, 2239-2245	1.3	1
57	SUPERGRAVITY UNIFIED MODELS. <i>Advanced Series on Directions in High Energy Physics</i> , 1998 , 442-461	0	1
56	Nonuniversal soft supersymmetry breaking and dark matter. <i>Physical Review D</i> , 1997 , 56, 2820-2832	4.9	186
55	Rb in supergravity grand unification with nonuniversal soft supersymmetry breaking. <i>Physical Review D</i> , 1997 , 56, 4194-4197	4.9	1
54	Detecting physics at the post-grand-unified-theory and string scales by linear colliders. <i>Physical Review D</i> , 1997 , 56, 2833-2841	4.9	14
53	Textured minimal and extended supergravity unification and implications for proton stability. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 381, 147-153	4.2	13
52	Probing supergravity grand unification in the Brookhaven $g-2$ experiment. <i>Physical Review D</i> , 1996 , 53, 1648-1657	4.9	176

51	Predictions of neutralino dark matter event rates in minimal supergravity unification. <i>Physical Review D</i> , 1996 , 54, 2374-2384	4.9	70
50	Hierarchies and textures in supergravity unification. <i>Physical Review Letters</i> , 1996 , 76, 2218-2221	7.4	26
49	Constraints on the minimal supergravity model from the $b \rightarrow s$ gamma decay. <i>Physical Review D</i> , 1995 , 51, 1371-1376	4.9	23
48	Event rates in dark matter detectors for neutralinos including constraints from $b \rightarrow s$ gamma decay. <i>Physical Review Letters</i> , 1995 , 74, 4592-4595	7.4	85
47	Landau pole effects and the parameter space of the minimal supergravity model. <i>Physical Review D</i> , 1995 , 52, 4169-4177	4.9	12
46	Effects of gravitational smearing on predictions of supergravity grand unification. <i>Physical Review D</i> , 1995 , 52, 5366-5369	4.9	40
45	NEUTRALINO EVENT RATES IN DARK MATTER DETECTORS. <i>Modern Physics Letters A</i> , 1995 , 10, 1257-1267	7.3	18
44	Testing supergravity grand unification at future accelerator and underground experiments. <i>Physical Review D</i> , 1994 , 49, 1479-1485	4.9	38
43	Predictions in SU(5) supergravity grand unification with proton stability and relic density constraints. <i>Physical Review Letters</i> , 1993 , 70, 3696-3699	7.4	144
42	Supersymmetric mass spectrum in SU(5) supergravity grand unification. <i>Physical Review Letters</i> , 1992 , 69, 725-728	7.4	236
41	Loop corrections to radiative breaking of electroweak symmetry in supersymmetry. <i>Physical Review D</i> , 1992 , 46, 3981-3986	4.9	117
40	CP violation via electroweak gauginos and the electric dipole moment of the electron. <i>Physical Review Letters</i> , 1991 , 66, 2565-2568	7.4	163
39	$\mu \rightarrow e + \gamma$ and $\tau \rightarrow \mu + \gamma$ decays in string models with E6 symmetry. <i>Physical Review Letters</i> , 1991 , 66, 2708-2711	7.4	25
38	Light Higgs bosons in three-generation Calabi-Yau superstring theory. <i>Physical Review D</i> , 1991 , 43, 3739-3747	4.9	1
37	(27) ³ YUKAWA COUPLINGS AND EMBEDDINGS OF DISCRETE GROUPS IN THE $CP^3 \times CP^2/Z_3$ MODEL. <i>International Journal of Modern Physics A</i> , 1991 , 06, 381-393	1.2	6
36	Predictions from three-generation Calabi-Yau string theory. <i>Physical Review D</i> , 1990 , 42, 2948-2951	4.9	7
35	Proton decay in three-generation matter-parity-invariant superstring models. <i>Physical Review Letters</i> , 1989 , 62, 2225-2228	7.4	45
34	Matter-parity constraints on particle spectrum in three-generation Calabi-Yau manifolds. <i>Physical Review D</i> , 1989 , 40, 191-199	4.9	23

33	Matter parity, intermediate scale breaking, and $\sin^2 \theta_W$ in Calabi-Yau superstring models. <i>Physical Review Letters</i> , 1989 , 62, 1437-1440	7.4	7
32	Symmetry breaking in three-generation Calabi-Yau manifolds. <i>Physical Review D</i> , 1989 , 39, 2006-2012	4.9	36
31	Intermediate mass scale in rank-six superstring models. <i>Physical Review Letters</i> , 1988 , 60, 1817-1820	7.4	23
30	Limits on photino and squark masses from proton lifetime in supergravity models. <i>Physical Review D</i> , 1988 , 38, 1479-1484	4.9	54
29	WEAK GAUGINO PRODUCTION AT THE SSC. <i>International Journal of Modern Physics A</i> , 1987 , 02, 1113-1120	4.9	15
28	Supersymmetry signals in leptonic decays of W and Z bosons. <i>Physical Review D</i> , 1987 , 35, 1085-1087	4.9	12
27	Fourth generation and nucleon decay in supersymmetric theories. <i>Physical Review D</i> , 1987 , 36, 3423-3428	4.9	3
26	Probing the Four-Generation Kobayashi-Maskawa Matrix with Supergravity Proton Decay. <i>Annals of the New York Academy of Sciences</i> , 1987 , 518, 337-343	6.5	1
25	Supersymmetric ten-dimensional low-energy limit of superstring theory. <i>Physical Review D</i> , 1986 , 34, 3769-3779	4.9	6
24	Nucleon decay branching ratios in supergravity SU(5) GUTs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 156, 215-219	4.2	52
23	Nucleon decay in supergravity unified theories. <i>Physical Review D</i> , 1985 , 32, 2348-2358	4.9	133
22	Gauge hierarchy in supergravity GUTs. <i>Nuclear Physics B</i> , 1983 , 227, 121-133	2.8	226
21	Masses of Superpartners of Quarks, Leptons, and Gauge Mesons in Supergravity Grand Unified Theories. <i>Physical Review Letters</i> , 1983 , 50, 232-235	7.4	121
20	Comment on effective-Lagrangian formulations of the U(1) axial anomaly. <i>Physical Review D</i> , 1982 , 25, 595-600	4.9	2
19	Locally Supersymmetric Grand Unification. <i>Physical Review Letters</i> , 1982 , 49, 970-974	7.4	1321
18	U(1) problem: Current algebra and the vacuum. <i>Physical Review D</i> , 1981 , 23, 473-476	4.9	152
17	Superconnections in Extended Supergravity. <i>Physical Review Letters</i> , 1980 , 44, 223-226	7.4	3
16	Globally supersymmetric Green's functions in quantum gauge supersymmetry. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1979 , 96, 111-119	3.3	3

- 15 Ultraviolet Finiteness of All Quantum Loops in Gauge Supersymmetry. *Physical Review Letters*, **1979**, 42, 138-141 7.4 8
- 14 Quantum effects on the vacuum symmetries of gauge supersymmetry. *Physical Review D*, **1978**, 18, 2759-2766 4.7 6
- 13 Origin of internal symmetry. *Physical Review D*, **1977**, 15, 1033-1043 4.9 10
- 12 Riemannian geometry in spaces with Grassman coordinates. *General Relativity and Gravitation*, **1976**, 7, 89-103 2.3 39
- 11 Spontaneous Symmetry Breaking of Gauge Supersymmetry. *Physical Review Letters*, **1976**, 36, 1526-1529 7.4 27
- 10 Generalized Potential for the Pion-Nucleon System. *Physical Review*, **1968**, 166, 1532-1538 1
- 9 Asymptotic Behavior of Form Factors. *Physical Review*, **1967**, 160, 1406-1410
- 8 Reggeized Bootstrap of the K^* Meson. *Physical Review*, **1967**, 163, 1815-1819 1
- 7 Kronecker-Delta-Type Singularities and Reggeization. *Physical Review*, **1966**, 142, 982-983 2
- 6 Is the Nucleon a \bar{N} Bound State?. *Physical Review*, **1966**, 152, 1254-1258 4
- 5 Effect of an Inelastic Channel on the Position and Width of a Resonance. *Physical Review*, **1965**, 138, B404-B407 3
- 4 Multichannel Effective-Range Theory from the ND Formalism. *Physical Review*, **1965**, 138, B702-B706 5
- 3 Uncoupled-Phase Method in the Multichannel ND Formalism. *Physical Review*, **1965**, 137, B711-B716 3
- 2 Coupled-Channel Scattering with Complex Angular Momentum. *Physical Review*, **1965**, 138, B726-B731 2
- 1 The Uncoupled Phase Method for Interactions with Hard Cores. *Physical Review*, **1964**, 133, B1085-B1089 5